

Title (en)  
GESTURE-BASED SELECTIVE TEXT RECOGNITION

Title (de)  
SELEKTIVE TEXTERKENNUNG AUF GESTENBASIS

Title (fr)  
RECONNAISSANCE SÉLECTIVE DE TEXTE BASÉ SUR DES GESTES

Publication  
**EP 2486515 A4 20141029 (EN)**

Application  
**EP 10822599 A 20101006**

Priority  
• US 57501509 A 20091007  
• US 2010051624 W 20101006

Abstract (en)  
[origin: US2011081083A1] An image is displayed on a touch screen. A user's underline gesture on the displayed image is detected. The area of the image touched by the underline gesture and a surrounding region approximate to the touched area are identified. Skew for text in the surrounding region is determined and compensated. A text region including the text is identified in the surrounding region and cropped from the image. The cropped image is transmitted to an optical character recognition (OCR) engine, which processes the cropped image and returns OCR'ed text. The OCR'ed text is outputted.

IPC 8 full level  
**G06V 30/224** (2022.01); **G06V 30/10** (2022.01)

CPC (source: EP KR US)  
**G06F 18/00** (2023.01 - KR); **G06K 7/10** (2013.01 - KR); **G06V 30/1456** (2022.01 - EP US); **G06V 30/224** (2022.01 - US);  
**G06V 30/10** (2022.01 - EP US)

Citation (search report)  
• [XY] US 2008233980 A1 20080925 - ENGLUND HAKAN MATS [SE], et al  
• [Y] US 2002037107 A1 20020328 - TRACHTMAN EYAL [GB]  
• [Y] KAVALLIERATOU E ET AL: "Skew angle estimation in document processing using Cohen's class distributions", PATTERN RECOGNITION LETTERS, ELSEVIER, AMSTERDAM, NL, vol. 20, no. 11-13, 1 November 1999 (1999-11-01), pages 1305 - 1311, XP004490765, ISSN: 0167-8655, DOI: 10.1016/S0167-8655(99)00097-5  
• [Y] H. BUNKE; P.S.P. WANG: "Handbook of Character Recognition and Document Image Analysis", 1997, WORLD SCIENTIFIC, Singapore, ISBN: 981-02-2270-X, pages: 16-20,363-364,587-589,831, XP002729932, 308660  
• See references of WO 2011044231A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 2011081083 A1 20110407**; **US 8520983 B2 20130827**; EP 2486515 A1 20120815; EP 2486515 A4 20141029; KR 101304084 B1 20130910; KR 20120086707 A 20120803; US 2013335356 A1 20131219; US 8666199 B2 20140304; WO 2011044231 A1 20110414

DOCDB simple family (application)  
**US 57501509 A 20091007**; EP 10822599 A 20101006; KR 20127011595 A 20101006; US 2010051624 W 20101006;  
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